WE CLAIM:

1	1. In combination with a valve having a stem rotatabl
2	about an axis, a handle assembly comprising:
3	a noncircular axially extending formation centered on
4	the axis and fixed on the stem;
5	a retaining element fixed to the stem and formed
6	centered on the axis with
7	an array of axially extending and radially
8	deflectable tongues axially offset from the
9	stem formation and having radially outwardly
10	directed bumps of a predetermined diameter,
11	and
12	a screwthread of predetermined axial length
13	axially offset from the stem formation and
14	from the tongues and of an outside diameter
15	at least equal to the bump diameter; and
16	a handle having a hub formed with a hole fittable
17	axially over the retaining element and formed inside the hole
18	with
19	a screwthread complementary to the retaining-
20	element screwthread,
21	a handle formation complementary to and fittable
22	axially with the stem formation and offset
23	from the handle screwthread by a distance

24	greater than the retaining-element
25	screwthread axial length, and
26	a radially inwardly open groove, the handle
27	fitting with its hole over the element with
28	the formations interengaged, the screwthreads
29	not engaged, and the bumps in the groove.

- 2. The valve handle assembly defined in claim 1
 wherein stem formation includes a plurality of planar facets
 extending parallel to the axis.
- 3. The valve handle assembly defined in claim 2 wherein the stem formation is splines.
- 4. The valve handle assembly defined in claim 1,
 further comprising
 an axially extending screw threaded into the stem and
- bearing axially on the retaining element.

- 5. The valve handle assembly defined in claim 4
 wherein the screw has a cylindrical head, the hole of the handle
 being formed centered on the axis with a cylindrical pocket
 complementarily receiving the screw head.
- 6. The valve handle assembly defined in claim 1
 wherein the handle hole has a cylindrical wall region centered on
 the axis, the assembly further comprising
 a seal ring on the stem and radially engaging the wall
 region.
- 7. The valve handle assembly defined in claim 1,
 further comprising
 a mounting cup fixed rotationally on the stem and
 forming the stem formation, the cup and stem having
 complementarily interengaging coupling formations.
- 8. The valve handle assembly defined in claim 7,
 further comprising
 an axially extending screw threaded into the stem,
 bearing axially on the retaining element and extending through an
 end wall of the cup.

- 9. The valve handle assembly defined in claim 8
 wherein the screw has a shoulder bearing axially inward on the
 retaining element.
- 1 10. The valve handle assembly defined in claim 9
 2 wherein the retaining element has a central bore formed with a
 3 shoulder bearing axially outward on the shoulder of the screw.